

Converting Colors

$Y_{xy}(27.0744, 0.3437, 0.2758)$

Have a look what the booklet for
Yxy(27.0744, 0.3437, 0.2758)
contains.

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Color

Yxy(27.1782, 0.3441, 0.2770)

Conversions

Conversions Part 1

Format	Color
Hex	BA7BA1
RGB	186, 123, 161
RGB Percent	73%, 48%, 63%
CMY	0.2706, 0.5176, 0.3687
CMYK	0.00, 0.34, 0.13, 0.27
HSL	324°, 31%, 61%
HSV	324°, 34%, 73%
XYZ	33.7618, 27.1782, 37.1762
YIQ	146.1690, 25.3500, 25.1740

Conversions

Conversions Part 2

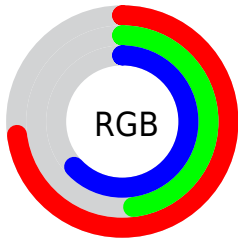
Format	Color
R _Y B	186, 123, 161
Decimal	12221345
CIE Lab	59.14, 30.23, -10.24
CIE LCh	59, 31.917, 341.293
Yxy	27.1782, 0.3441, 0.2770
Android (android.graphics.Color)	4290411425 (0xFFBA7BA1)
YUV	146.1690, 7.3117, 34.9318
Hunter-Lab	52.1327, 24.3666, -5.7873

Details

The Yxy color **27.1782, 0.3441, 0.2770** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.4628, 0.2906, 0.3878**, and the grayscale version is **28.7796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0632, 0.3377, 0.2866**, and **10.7747, 0.3557, 0.2615** is the 20% darker color. If you saturate the color by 10%, you get **22.7416, 0.3570, 0.2616**, and if you desaturate by 10%, it is **32.5093, 0.3329, 0.2928**.

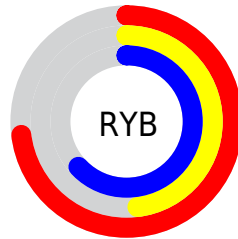
Distribution



Red (73%)

Green (48%)

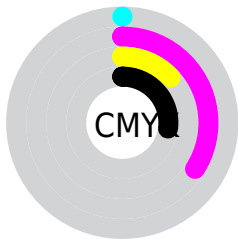
Blue (63%)



Red (73%)

Yellow (48%)

Blue (63%)

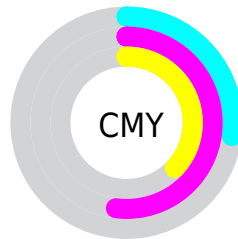


Cyan (0%)

Magenta (34%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1782, 0.3441, 0.2770 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 27.1782, 0.3441, 0.2770 by changing the saturation by 10% instead.


 27.1782, 0.3441,
0.2770


 27.1782, 0.3441,
0.2770


288.5189, 0.3276,
0.3042


 17.7071, 0.3485,
0.2698


 55.1697, 0.3379,
0.2872

 10.7399, 0.3544,
0.2603


 74.4589, 0.3356,
0.2909

 5.8922, 0.3625,
0.2473


 97.7895, 0.3337,
0.2940

 2.7797, 0.3746,
0.2283

125.5461, 0.3321,
0.2967

 1.0178, 0.3941,
0.1982

158.1129, 0.3307,
0.2990

 0.0000, 0.5141,
0.0000

195.8744, 0.3295,

 0.0000, 0.0000,

0.3009

0.0000

239.2149, 0.3285,
0.3027

■ 27.1782, 0.3441,
0.2770

■ 27.1782, 0.3441,
0.2770

■ 22.7416, 0.3570,
0.2616

■ 32.5093, 0.3329,
0.2928

■ 19.1457, 0.3718,
0.2475

■ 38.7772, 0.3234,
0.3084

■ 16.3368, 0.3881,
0.2356


■ 46.0262, 0.3154,
0.3234

■ 14.2531, 0.4057,
0.2271


■ 54.2964, 0.3088,
0.3376


■ 12.8237, 0.4239,
0.2232

■ 63.6259, 0.3032,
0.3508

 11.9632, 0.4419,
0.2244

 74.0506, 0.2986,
0.3630

 11.6103, 0.4529,
0.2269

 85.6050, 0.2947,
0.3743

 87.1279, 0.2909,
0.3676

 87.5281, 0.2870,
0.3592

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



27.1782, 0.2899, 0.2525



27.1782, 0.3441, 0.2770



27.1782, 0.3927, 0.3133

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.1782, 0.3441, 0.2770



27.1782, 0.3780, 0.4217



27.1782, 0.2177, 0.2886

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.1782, 0.3441, 0.2770



41.4628, 0.2906, 0.3878

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27.1782, 0.2371, 0.3384



27.1782, 0.3441, 0.2770



27.1782, 0.3283, 0.4226

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.1782, 0.3441, 0.2770



27.1782, 0.4118, 0.3946



27.1782, 0.2768, 0.3908



27.1782, 0.2210, 0.2560

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.1782, 0.3441, 0.2770



27.1782, 0.4130, 0.3409



27.1782, 0.2768, 0.3908



27.1782, 0.2217, 0.3037

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.1794, 0.3441, 0.2770



74.9394, 0.3203, 0.3140



23.9313, 0.2759, 0.2357



16.1055, 0.3215, 0.3119



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1794, 0.3441, 0.2770



42.8475, 0.3541, 0.2649



26.2283, 0.3815, 0.3188



9.1007, 0.3196, 0.3153



7.8274, 0.4507, 0.2257



0.2878, 0.4089, 0.2026

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



27.1794, 0.3441, 0.2770



42.8475, 0.3541, 0.2649



42.5642, 0.2700, 0.3398



9.1007, 0.3196, 0.3153



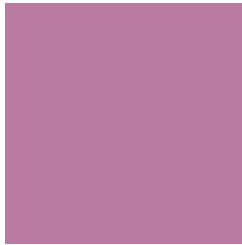
7.8274, 0.4507, 0.2257



0.2878, 0.4089, 0.2026

Previews

White Background



This preview shows how the Yxy color 27.1782, 0.3441, 0.2770 looks on a white background.

Color Contrast Check

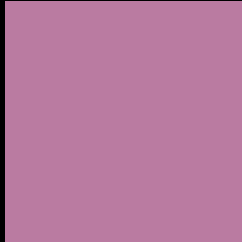
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 27.1782, 0.3441, 0.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

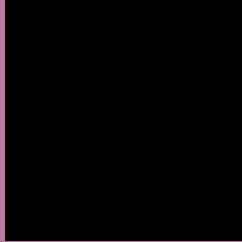
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1782, 0.3441, 0.2770

Background



This preview shows how black text looks on a background with the Yxy color 27.1782, 0.3441, 0.2770.



This preview shows how white text looks on a background with the Yxy color 27.1782, 0.3441, 0.2770.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.1782, 0.3441, 0.2770

Protanopia

27.3011, 0.2781, 0.2789

Deuteranopia

27.3234, 0.3045, 0.2993



Tritanopia

27.0522, 0.3682, 0.3149

Trichromacy



Original Color

27.1782, 0.3441, 0.2770

Protanomaly

26.7848, 0.2992, 0.2762

Deuteranomaly

26.9596, 0.3179, 0.2900

Tritanomaly

27.1874, 0.3588, 0.3010

Monochromacy



Original Color

27.1782, 0.3441, 0.2770

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.9884, 0.3246, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1782, 0.3441, 0.2770 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 123, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 123, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 161) }
```

Border

The CSS property to change the border of an element to Yxy 27.1782, 0.3441, 0.2770 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 123, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 123, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(186, 123, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1782, 0.3441, 0.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
123, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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